Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055278.D
Acq On : 25 Oct 2022 16:20
Operator : CG/JU
Sample : PB148450BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 26 14:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

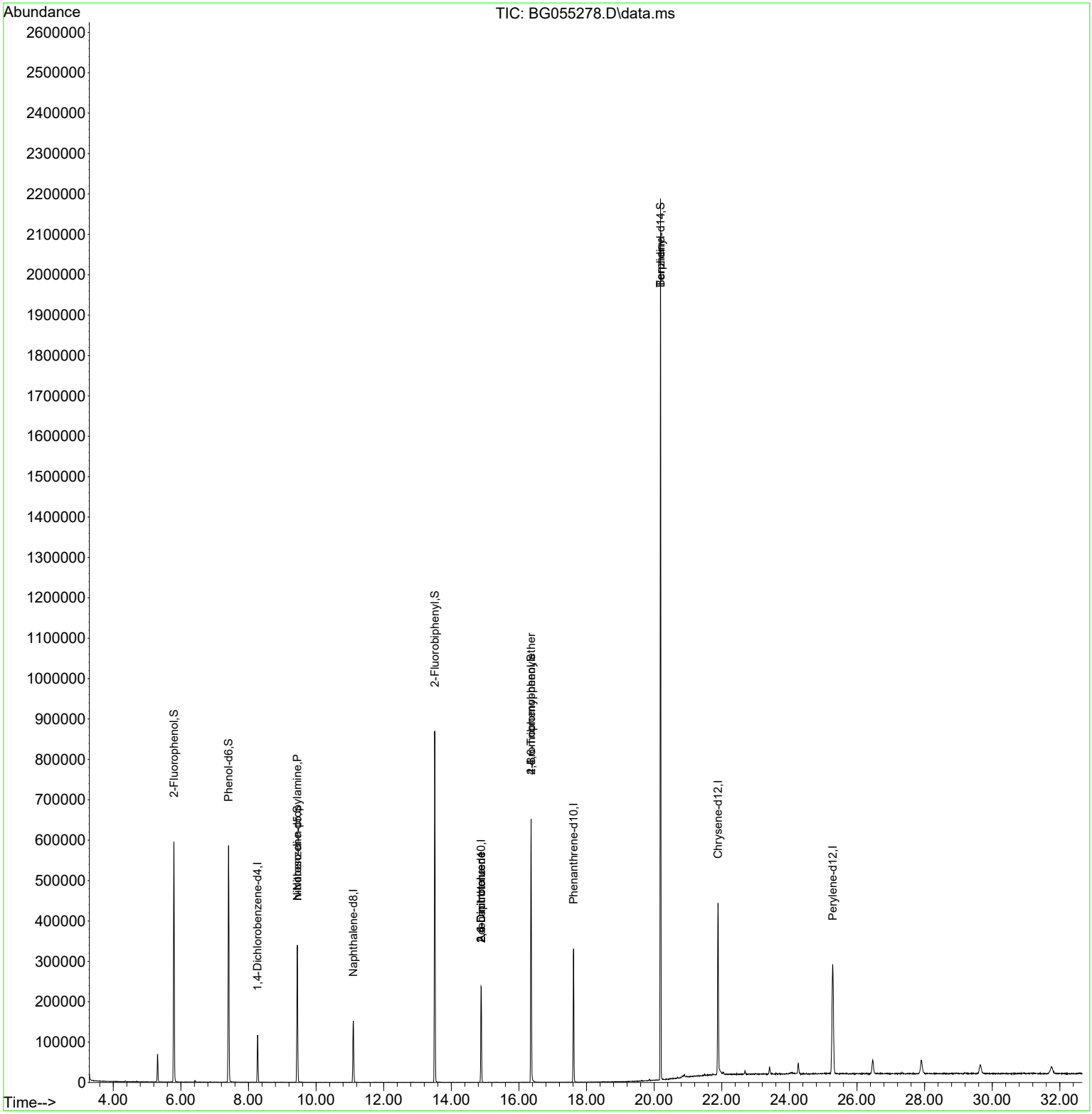
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	32426	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	135180	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	86937	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	203469	20.000	ng	0.00
76) Chrysene-d12	21.889	240	255912	20.000	ng	-0.01
86) Perylene-d12	25.285	264	267731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	269449	145.500	ng	0.00
7) Phenol-d6	7.412	99	354784	132.236	ng	0.00
23) Nitrobenzene-d5	9.445	82	213480	80.641	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	126279	133.617	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	444698	83.723	ng	0.00
79) Terphenyl-d14	20.191	244	1004111	81.521	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	28414	12.753	ng	# 74
51) 2,6-Dinitrotoluene	14.880	165	11310	8.143	ng	# 19
57) 2,4-Dinitrotoluene	14.880	165	11310	5.611	ng	# 18
67) 4-Bromophenyl-phenylether	16.361	248	8018	4.056	ng	# 1
77) Benzidine	20.191	184	15343	2.476	ng	# 89

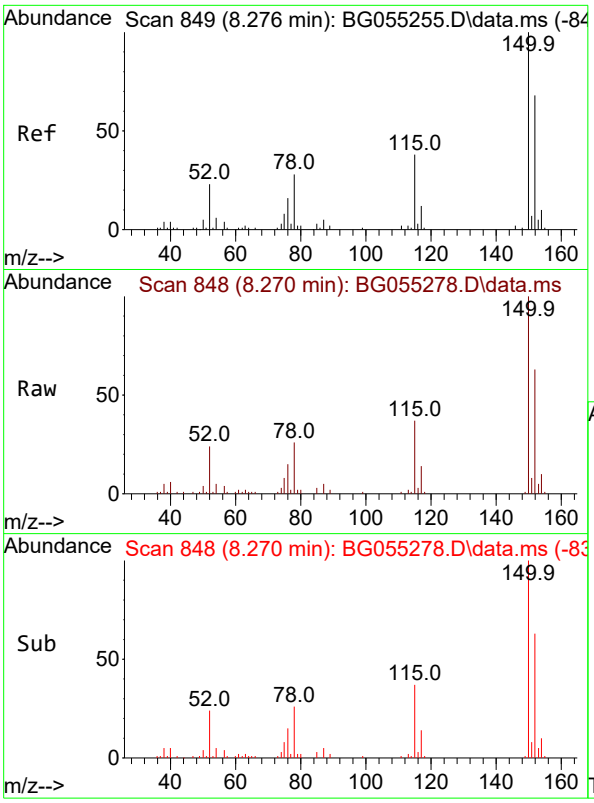
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055278.D
Acq On : 25 Oct 2022 16:20
Operator : CG/JU
Sample : PB148450BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 26 14:44:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



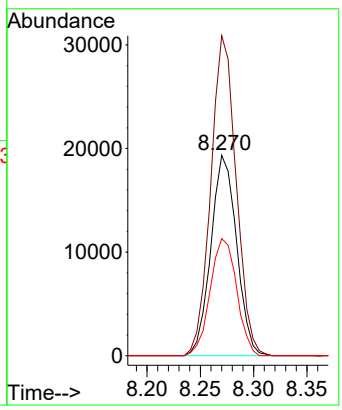


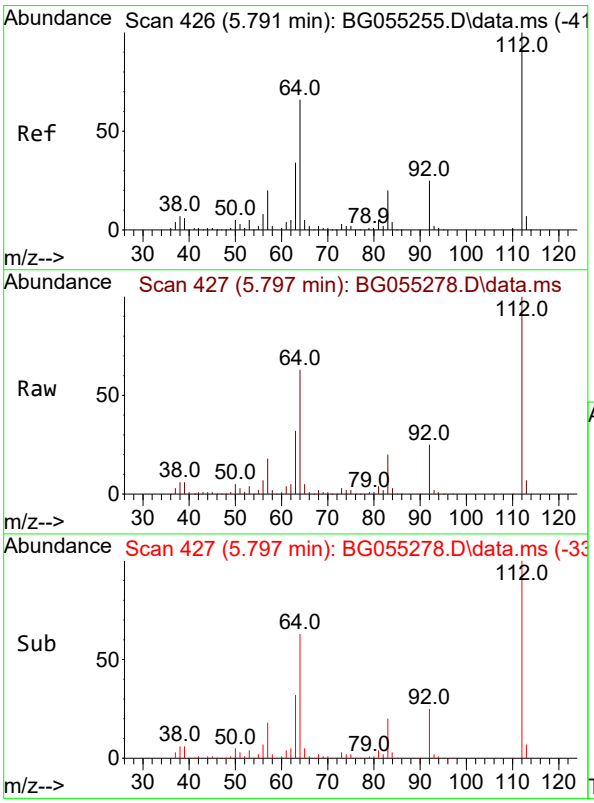
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 32426

Ion	Ratio	Lower	Upper
152	100		
150	159.7	118.2	177.4
115	58.5	44.5	66.7

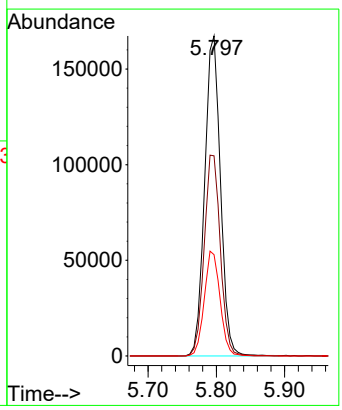


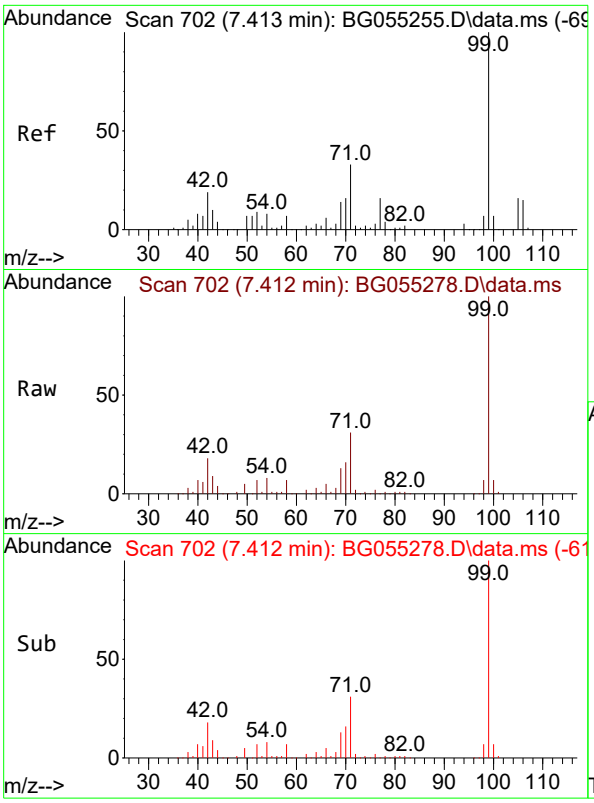


#5
2-Fluorophenol
Concen: 145.500 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:112 Resp: 269449

Ion	Ratio	Lower	Upper
112	100		
64	62.5	52.6	78.8
63	31.7	27.1	40.7



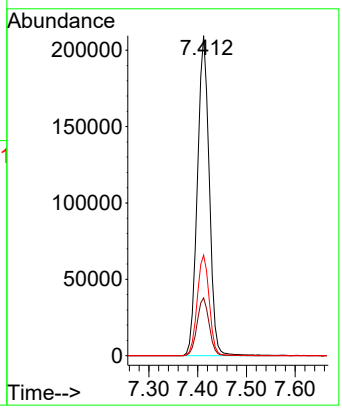


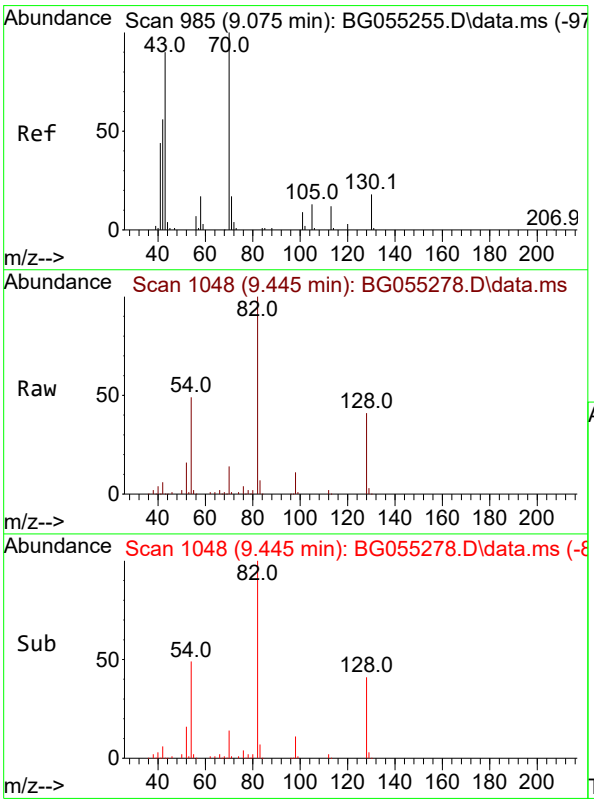
#7
Phenol-d6
Concen: 132.236 ng
RT: 7.412 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 354784

Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.2	22.8
71	31.4	26.2	39.4

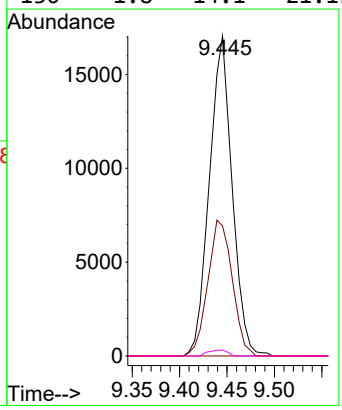


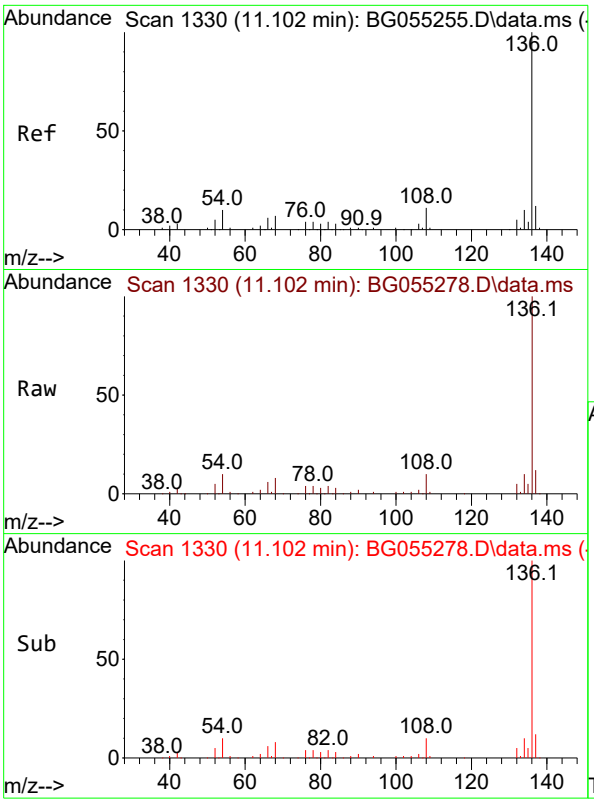


#19
n-Nitroso-di-n-propylamine
Concen: 12.753 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion: 70 Resp: 28414

Ion	Ratio	Lower	Upper
70	100		
42	40.7	45.8	68.6#
101	0.0	7.4	11.0#
130	1.8	14.1	21.1#



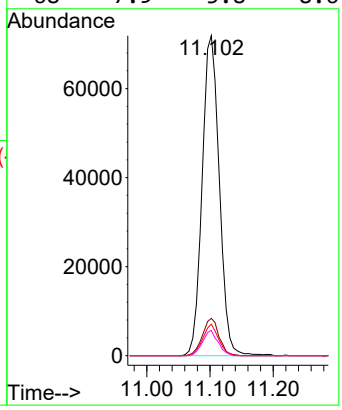


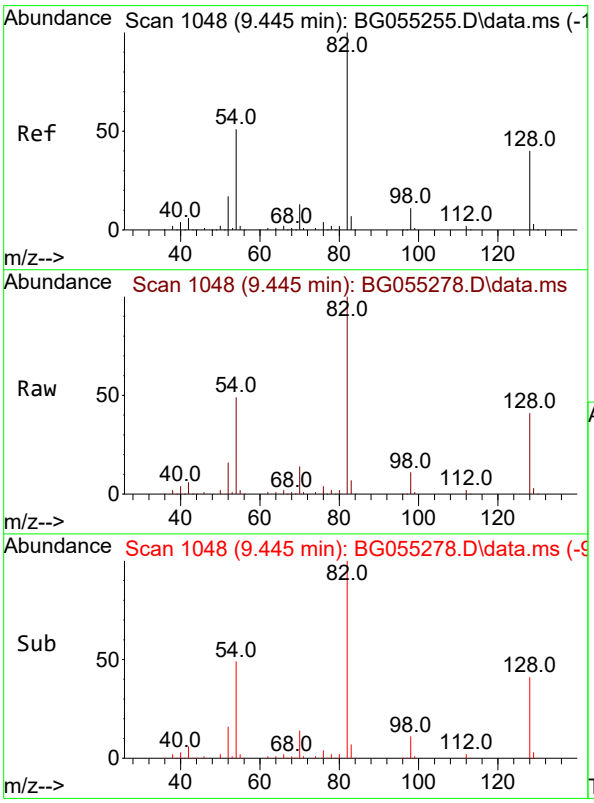
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 135180

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	9.9	7.8	11.8
68	7.9	5.8	8.6

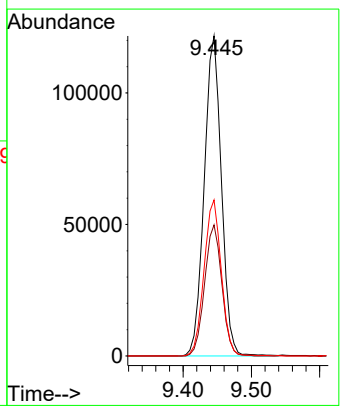


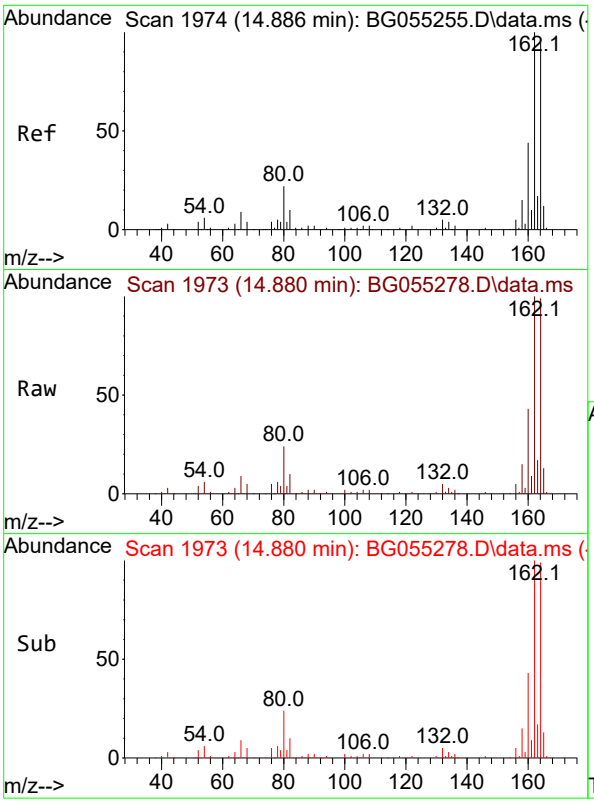


#23
Nitrobenzene-d5
Concen: 80.641 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion: 82 Resp: 213480

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.0	48.0
54	48.7	40.9	61.3



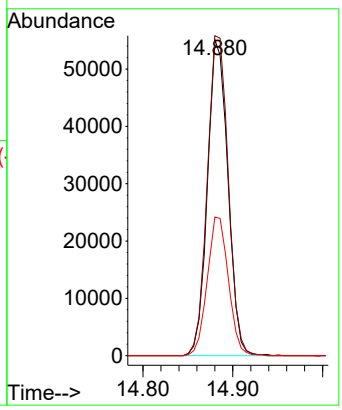


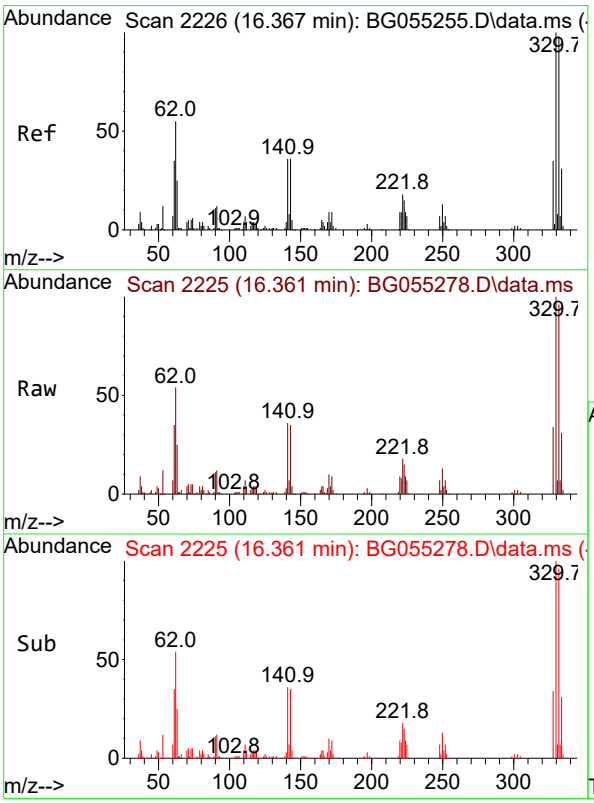
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 86937

Ion	Ratio	Lower	Upper
164	100		
162	101.2	84.0	126.0
160	43.8	36.7	55.1

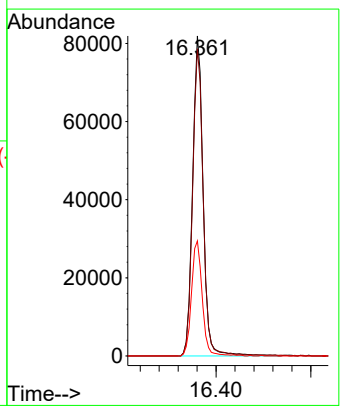


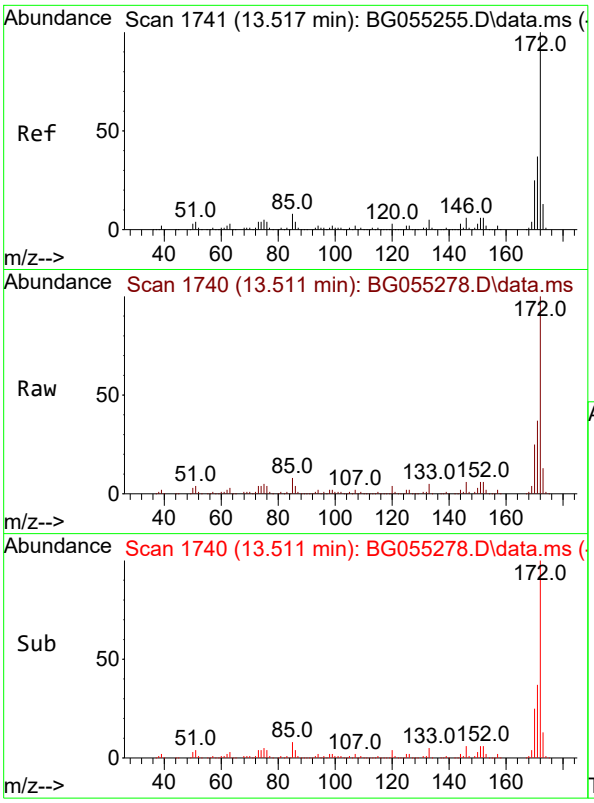


#42
2,4,6-Tribromophenol
Concen: 133.617 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:330 Resp: 126279

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.0
141	36.7	29.8	44.8



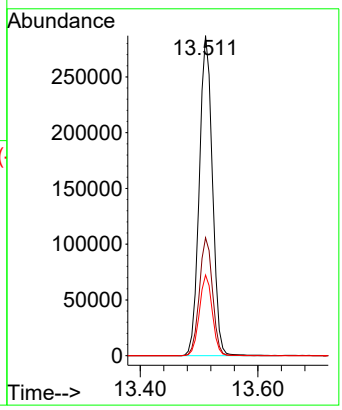


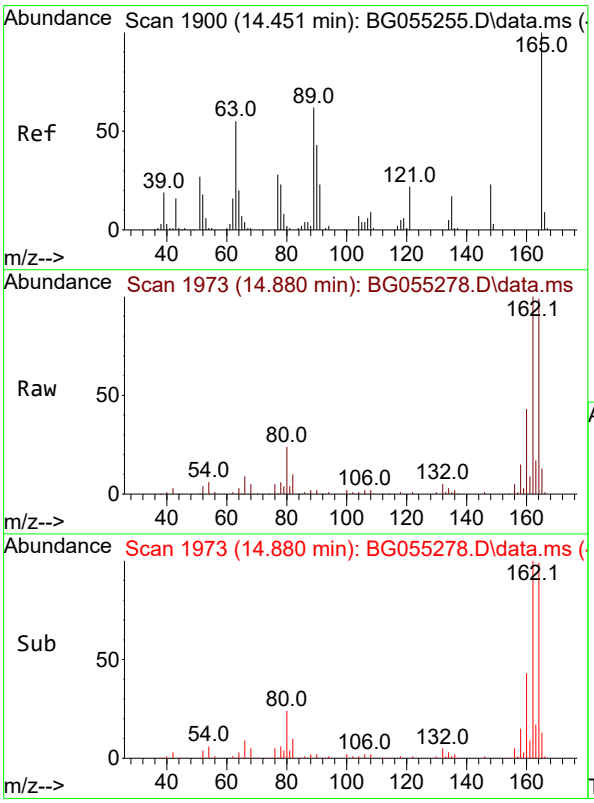
#45
2-Fluorobiphenyl
Concen: 83.723 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 444698

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.2	20.2	30.2

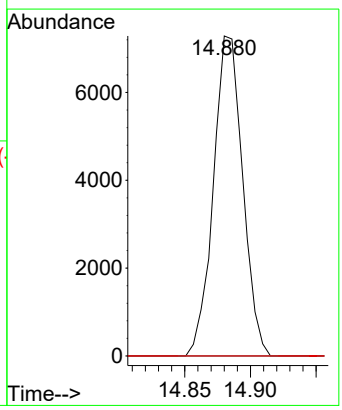


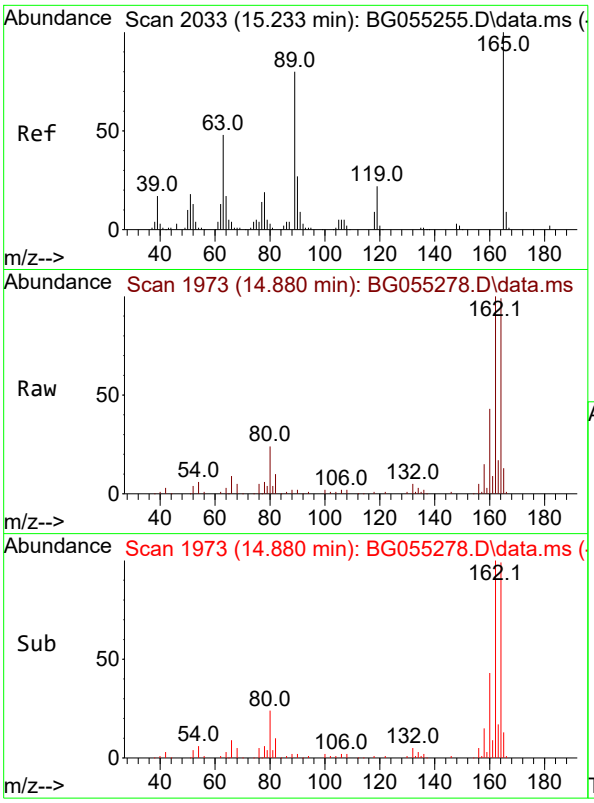


#51
2,6-Dinitrotoluene
Concen: 8.143 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:165 Resp: 11310

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.2	73.8#
89	0.0	49.9	74.9#



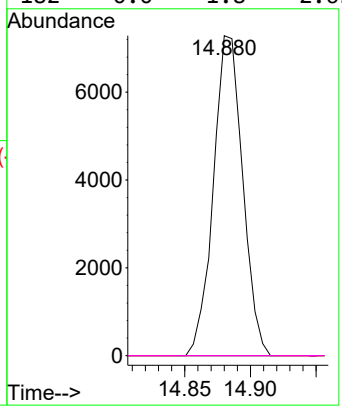


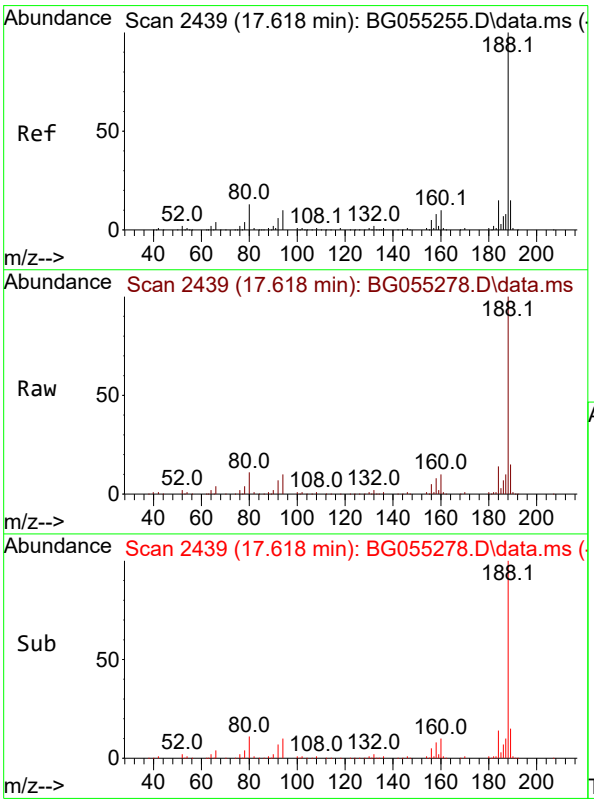
#57
2,4-Dinitrotoluene
Concen: 5.611 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11310

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.9	58.3#
89	0.0	64.2	96.4#
182	0.0	1.8	2.6#

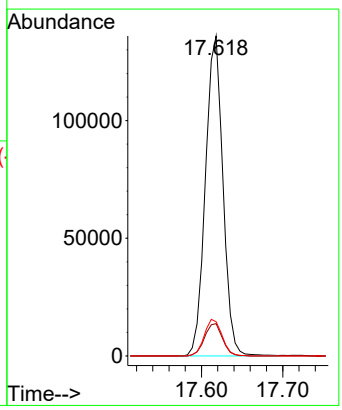


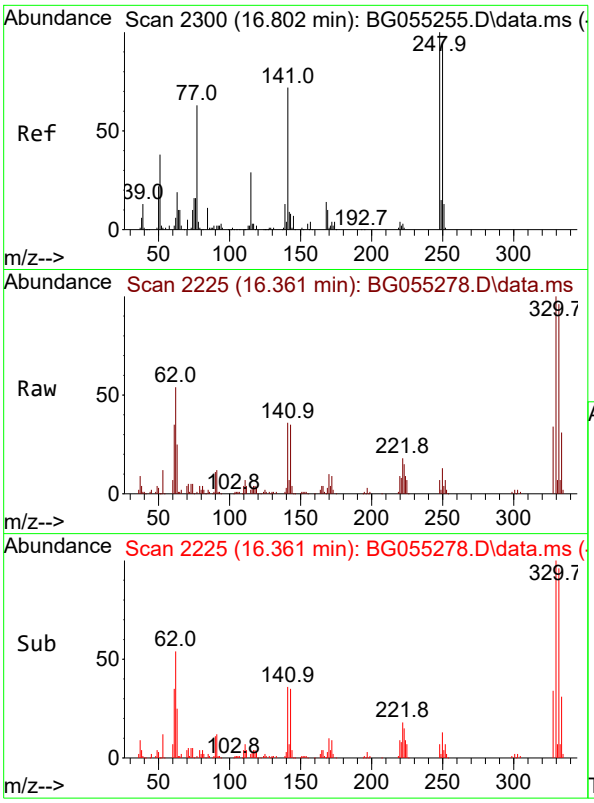


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:188 Resp: 203469

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	10.7	10.1	15.1



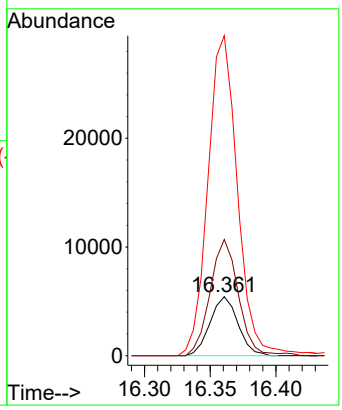


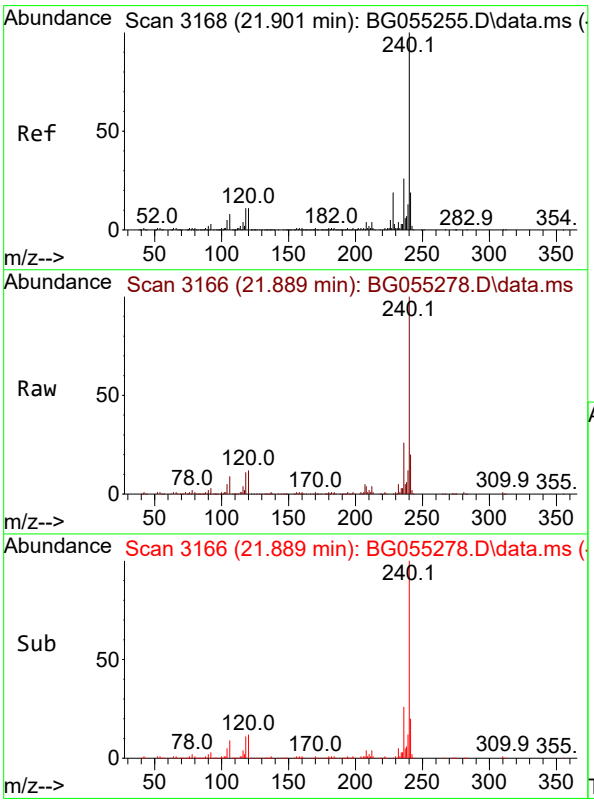
#67
4-Bromophenyl-phenylether
Concen: 4.056 ng
RT: 16.361 min Scan# 2
Delta R.T. -0.441 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8018

Ion	Ratio	Lower	Upper
248	100		
250	196.7	76.0	114.0#
141	542.0	58.0	87.0#

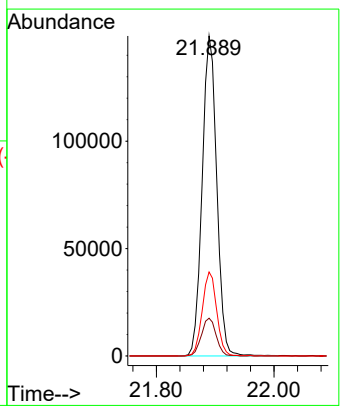


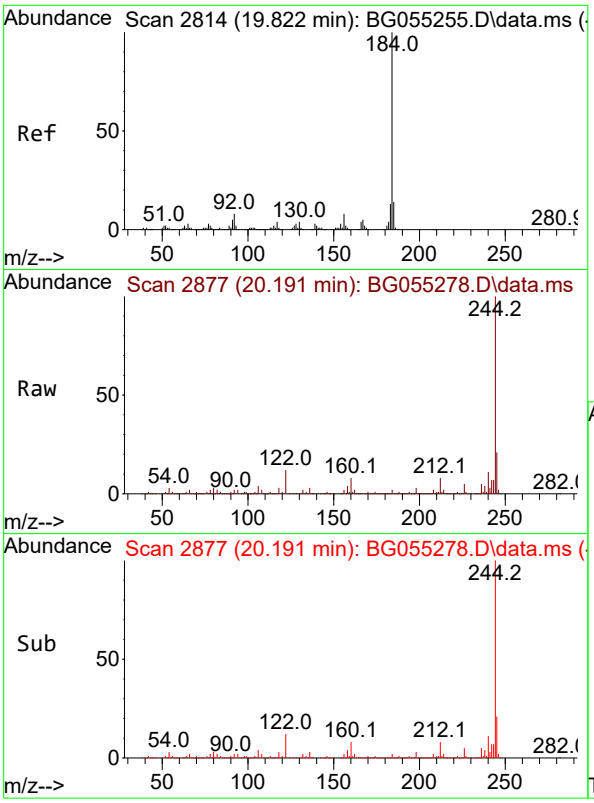


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:240 Resp: 255912

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.3	21.0	31.4



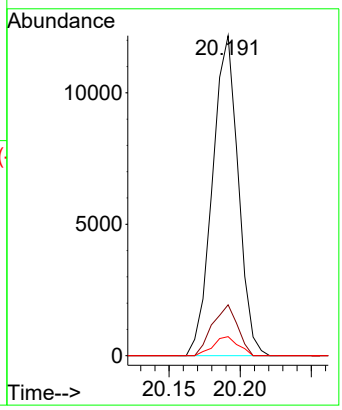


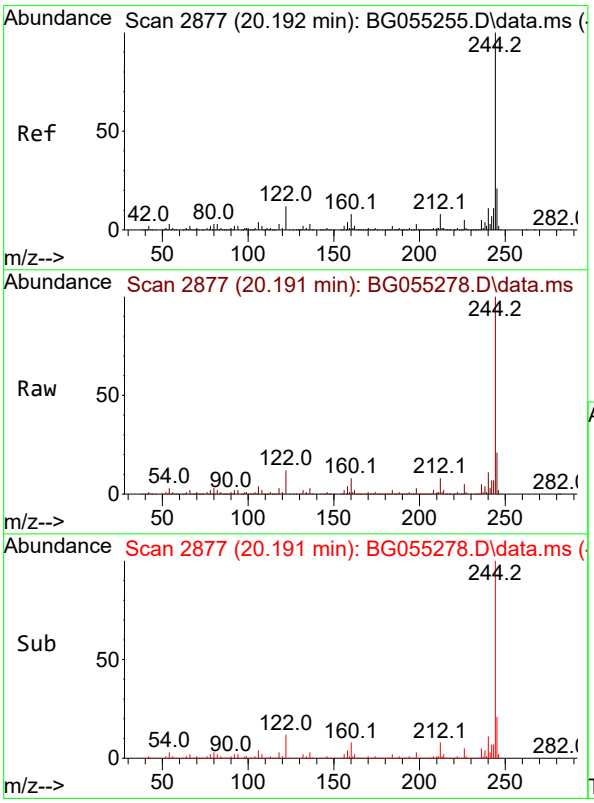
#77
Benzidine
Concen: 2.476 ng
RT: 20.191 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 15343

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.0	16.6
183	6.0	10.0	15.0#

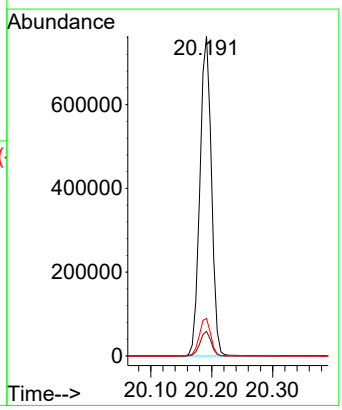


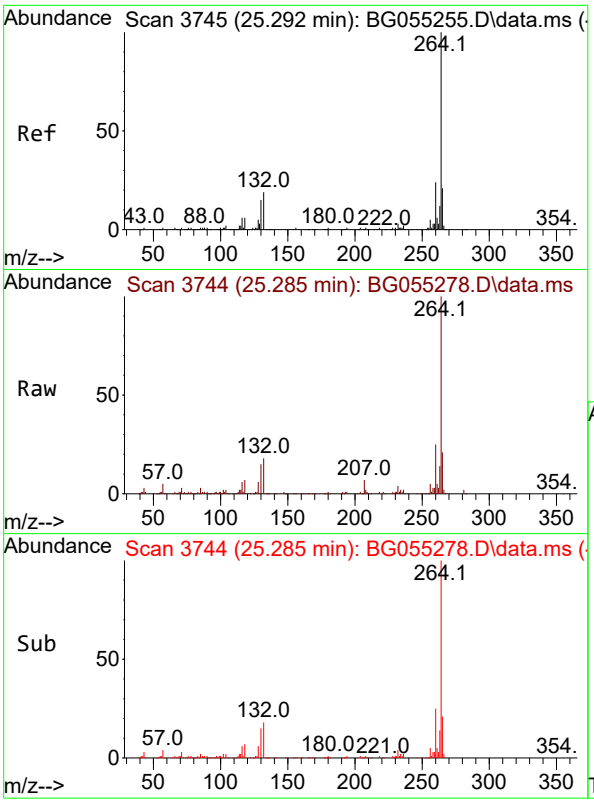


#79
Terphenyl-d14
Concen: 81.521 ng
RT: 20.191 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:244 Resp: 1004111

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.7	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.285 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 267731

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.4	26.2